

IDENTIFYING SUBSTREAMS IN  
PARALLEL/SERIAL DATA LINK

ABSTRACT

In a first aspect, a stream of data is transmitted  
5 by dividing the stream of data into a first substream and a  
second substream, transmitting the first substream in a  
first data channel, and transmitting the second substream in  
a second data channel. Before transmitting the first and  
10 second substreams, a first marker signal is inserted in the  
first substream and/or a second marker signal is inserted in  
the second substream. A receiver circuit receives the  
substreams, detects at least one marker signal, and  
reassembles the data stream from the substreams based on at  
least one detected marker signal. Numerous other aspects  
15 are provided.